

Welcome to STN International! Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'STNGUIDE' AT 15:46:57 ON 17 MAY 2002  
FILE 'STNGUIDE' ENTERED AT 15:46:57 ON 17 MAY 2002  
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	77.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.96

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	77.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.96

FILE 'REGISTRY' ENTERED AT 15:47:05 ON 17 MAY 2002  
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STRUCTURE FILE UPDATES: 15 MAY 2002 HIGHEST RN 416838-75-0  
DICTIONARY FILE UPDATES: 15 MAY 2002 HIGHEST RN 416838-75-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s cetaryl glucoside  
0 CETARYL  
2164 GLUCOSIDE  
12 GLUCOSIDES  
2176 GLUCOSIDE  
(GLUCOSIDE OR GLUCOSIDES)  
L6 0 CETARYL GLUCOSIDE  
(CETARYL(W) GLUCOSIDE)

=> file stng

L8                    1 CETEARYL ALCOHOL  
                      (CETEARYL(W)ALCOHOL)

=> d L8

L8    ANSWER 1 OF 1    REGISTRY    COPYRIGHT 2002 ACS

RN    67762-27-0    REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files  
may

result in incomplete search results. For additional information, enter HELP  
RN\* at an online arrow prompt (=>).

CN    Alcohols, C16-18    (CA INDEX NAME)

OTHER NAMES:

CN    Adol 63

CN    Adol 65

CN    Adol 66

CN    Alcs., C16-18

CN    Alfol 1618

CN    Alfol 1618C

CN    Barolub LOH

CN    C16-18 alcohols

CN    C16-18 alcs.

CN    Cetanol SCA

CN    **Cetearyl alcohol**

CN    Cetostearyl alcohol

CN    Cetylstearyl alcohol

CN    Cire algonol CS

CN    Cire deLanol ST

CN    Conol 300C

CN    Crodacol SCB

CN    Cyclochem emulsion wax

CN    Dehydag wax N

CN    Epal 1618

CN    Hydrenol D

CN    Hydrenol DV

CN    Hydrenol MY

CN    Kalcohol 220-80

CN    Kalcohol 68

CN    Kalcohol 6850

CN    Kalcohol 6870

CN    Kalcohol 86

CN    Kalcohol 8665

CN    Kalcohol 8688

CN    Lanette O

CN    Lanette wax

CN    Laurex CS

CN    NAA 45

CN    NAA 46

CN    Rofanol P 50/55

CN    Rofanol P 80/55

CN    Rofanol P 80/85

CN    Salim C 16/18

CN    Sipol CS

CN    Stenol 16/18

CN    Stenol PC

DEF This substance is identified by SDA Substance Name: C16-C18 alkyl  
alcohol

and SDA Reporting Number: 19-060-00. Consult SDA Substance  
Identification Procedure.

DR    12705-32-7, 8005-44-5, 8032-20-0, 8032-22-2, 8032-92-6, 8033-00-9,

8034-88-6, 8038-54-8, 1336-34-1, 58392-01-1, 58392-68-0, 63393-84-0,  
52003-59-5, 67762-43-0, 78565-03-4, 39315-71-4, 199745-51-2  
MF Unspecified  
CI COM, MAN, CTS  
LC STN Files: ADISNEWS, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CHEMLIST,  
CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MSDS-OHS, NAPRALERT, TOXCENTER, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

=> s cetearyl glucose  
2 CETEARYL  
18812 GLUCOSE  
L9 0 CETEARYL GLUCOSE  
(CETEARYL(W) GLUCOSE)

=> s cetearyl  
L10 2 CETEARYL

=> d L10 2

L10 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS  
RN 67762-27-0 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files  
may

result in incomplete search results. For additional information, enter HELP  
RN\* at an online arrow prompt (=>).

CN Alcohols, C16-18 (CA INDEX NAME)

OTHER NAMES:

CN Adol 63  
CN Adol 65  
CN Adol 66  
CN Alcs., C16-18  
CN Alfol 1618  
CN Alfol 1618C  
CN Barolub LOH  
CN C16-18 alcohols  
CN C16-18 alcs.  
CN Cetalol SCA  
CN **Cetearyl alcohol**  
CN Cetostearyl alcohol  
CN Cetylstearyl alcohol  
CN Cire algonol CS  
CN Cire deLanol ST  
CN Conol 300C  
CN Crodacol SCB  
CN Cyclochem emulsion wax  
CN Dehydag wax N  
CN Epal 1618  
CN Hydrenol D  
CN Hydrenol DV  
CN Hydrenol MY  
CN Kalcohl 220-80  
CN Kalcohl 68  
CN Kalcohl 6850  
CN Kalcohl 6870  
CN Kalcohl 86

CN Kalcohol 8665  
 CN Kalcohol 8688  
 CN Lanette O  
 CN Lanette wax  
 CN Laurex CS  
 CN NAA 45  
 CN NAA 46  
 CN Rofanol P 50/55  
 CN Rofanol P 80/55  
 CN Rofanol P 80/85  
 CN Salim C 16/18  
 CN Sipol CS  
 CN Stenol 16/18  
 CN Stenol PC  
 DEF This substance is identified by SDA Substance Name: C16-C18 alkyl alcohol  
 and SDA Reporting Number: 19-060-00. Consult SDA Substance Identification Procedure.  
 DR 12705-32-7, 8005-44-5, 8032-20-0, 8032-22-2, 8032-92-6, 8033-00-9, 8034-88-6, 8038-54-8, 1336-34-1, 58392-01-1, 58392-68-0, 63393-84-0, 52003-59-5, 67762-43-0, 78565-03-4, 39315-71-4, 199745-51-2  
 MF Unspecified  
 CI COM, MAN, CTS  
 LC STN Files: ADISNEWS, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIADB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, TOXCENTER, USPATFULL  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

=> d L10 1

L10 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
 RN 308070-65-7 REGISTRY \*  
 \* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN\* at an online arrow prompt (=>).  
 CN Polysiloxanes, C16-18-alkyl Me (CA INDEX NAME)  
 OTHER NAMES:  
 CN Cetearyl methicone  
 CN SF 1632  
 MF Unspecified  
 CI MAN, CTS  
 SR CA

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

=> file stng

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.64	122.67
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.96

FILE 'STNGUIDE' ENTERED AT 16:03:40 ON 17 MAY 2002  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: May 10, 2002 (20020510/UP).

=>

# WEST Search History

DATE: Friday, May 17, 2002

## Set Name Query

side by side

*DB=USPT; PLUR=YES; OP=ADJ*

L48	L47 and xylose	1	L48
L47	5412004[pn]	1	L47
L46	L44 and (emuls\$ or cream)	20	L46
L45	L44 and (emuls\$ or cream)	20	L45
L44	amphomer same (silicon or silicone or polysiloxane or siloxane)	22	L44
L43	amphomer same cream and (silicon or silicone or polysiloxane or siloxane)	1	L43
L42	amphomer and (emulgade or montanov or cetearyl)	20	L42
L41	amphomer and (emulgade or seppic or montanov or tallow or cetearyl)	63	L41
L40	amphomer and emulsifier	63	L40
L39	amphomer same emulsifier	0	L39
L38	amphomer and gl?coside	10	L38
L37	amphomer and (alkylgl?coside)	0	L37
L36	L35 and (silicon or silicone or polysiloxane or siloxane)	14	L36
L35	L25 and emulsion	15	L35
L34	L31 not L33	49	L34
L33	L31 not L32	111	L33
L32	cosmetic.ti,ab,clm. and xylose and (silicon or silicone or polysiloxane) and emulsion	49	L32
L31	cosmetic.ti,ab,clm. and xylose	160	L31
L30	cosmetic.ti,ab. and xylose	124	L30
L29	((moisturizing or face) adj cream) and amphomer	3	L29
L28	((moisturizing or face) adj cream) and xylose	12	L28
L27	L23 and L25	0	L27
L26	(L23 or L25) and emulsion	17	L26
L25	hair and L24	29	L25
L24	amphomer LV-71	31	L24
L23	hair and L22	7	L23
L22	xylose.ti,ab.	172	L22
L21	tallow near3 glucoside	5	L21
L20	5958431	5	L20

*DB=DWPI; PLUR=YES; OP=ADJ*

L19	5958431	1	L19
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## Hit Count Set Name

result set

L18	9206778	19	L18
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L17	L16 and xylose	1	L17
L16	montanov adj 68	24	L16
L15	L13 and (hexose or pentose) not L14	0	L15
L14	L13 and xylose	3	L14
L13	cetearyl near3 glucoside	46	L13
L12	(cetaryl) and cetyl	24	L12
L11	(cetaryl) and cetearyl	4	L11
L10	cetarin	0	L10
L9	cetaryl	30	L9
L8	cetearyl near5 (hexadecyl or octadecyl)	0	L8
L7	Pl68/50	1	L7
L6	emulgade	64	L6
L5	5670471[pn]	1	L5
L4	6165450[pn]	1	L4
<i>DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L3	L2	0	L3
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
L2	L1	0	L2
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L1	xyliance	0	L1

END OF SEARCH HISTORY

Welcome to STN International! Enter x:x

LOGINID:sssptal62lmxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME'.ENTERED AT 14:49:32 ON 17 MAY 2002



=> file registry  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:49:42 ON 17 MAY 2002  
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STRUCTURE FILE UPDATES: 15 MAY 2002 HIGHEST RN 416838-75-0  
DICTIONARY FILE UPDATES: 15 MAY 2002 HIGHEST RN 416838-75-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STN Note 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s xyliance

	0 XYLIANCE
L1	0 XYLIANCE

=> s cetearyl wheat straw glycoside

	2 CETEARYL
	2898 WHEAT
	1 STRAW
	758 GLYCOSIDE
	38 GLYCOSIDES
	796 GLYCOSIDE
	(GLYCOSIDE OR GLYCOSIDES)
L2	0 CETEARYL WHEAT STRAW GLYCOSIDE
	(CETEARYL (W) WHEAT (W) STRAW (W) GLYCOSIDE)

=> s hexadecyl glycoside

	50064 HEXADECYL
	758 GLYCOSIDE
	38 GLYCOSIDES
	796 GLYCOSIDE
	(GLYCOSIDE OR GLYCOSIDES)
L3	0 HEXADECYL GLYCOSIDE
	(HEXADECYL (W) GLYCOSIDE)

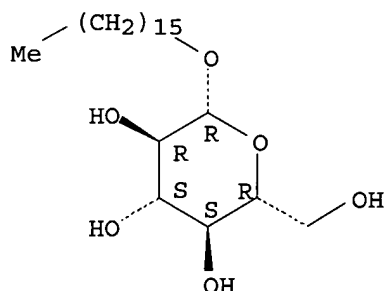
=> s hexadecyl glucoside

	50064 HEXADECYL
	2164 GLUCOSIDE
	12 GLUCOSIDES
	2176 GLUCOSIDE
	(GLUCOSIDE OR GLUCOSIDES)
L4	1 HEXADECYL GLUCOSIDE
	(HEXADECYL (W) GLUCOSIDE)

=> d L4

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 75319-63-0 REGISTRY  
 CN .beta.-D-Glucopyranoside, hexadecyl (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Glucopyranoside, hexadecyl (6CI)  
 OTHER NAMES:  
 CN Hexadecyl .beta.-D-glucopyranoside  
 CN **Hexadecyl glucoside**  
 CN Hexadecyl monoglucoside  
 FS STEREOSEARCH  
 MF C22 H44 O6  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, MEDLINE, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

34 REFERENCES IN FILE CA (1967 TO DATE)  
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 35 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
44.04	44.25

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:59:42 ON 17 MAY 2002  
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FILE COVERS 1907 - 17 May 2002 VOL 136 ISS 20  
FILE LAST UPDATED: 15 May 2002 (20020515/ED)

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

CAS roles have been modified effective December 16, 2001. Please  
check your SDI profiles to see if they need to be revised. For  
information on CAS roles, enter HELP ROLES at an arrow prompt or use  
the CAS Roles thesaurus (/RL field) in this file.

=> s L4

L5 35 L4

=> d L5 ti 1-35

L5 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Highly dilute phases with alkylmonoglucopyranosides

L5 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Characterization of alkyl polyglycosides by both reversed-phase and  
normal-phase modes of high-performance liquid chromatography

L5 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Preparation and surface active properties of alkyl glucosides of fat  
Egyptian mangifera indica

L5 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Alkyl polyglycosides from different feedstocks

L5 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Sprayable sunscreen compositions

L5 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Surfactant mixtures, their preparation and use

L5 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Tensammetry of nonionic surfactants at solid-state-electrodes.

Correlation

with other physicochemical parameters

L5 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic and dermatologic oil-in-water emulsion formulations for light  
protection containing hydrophobic inorganic micropigments and hydrophilic  
surfactants

L5 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic and dermatological emulsions containing alkyl glucosides with  
increased electrolyte concentration

L5 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Aggregation number of the n-cetyl-.beta.-D-glucopyranoside micelles in  
the presence and absence of salt at 298.15 K by a steady state fluorescence  
method

L5 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Sugar derivatives as antimicrobial agents

L5 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2002 ACS

TI Separation and quantitation of glycolipids as penetration modifiers in human skin using high-performance liquid chromatography-mass spectrometry with electrospray ionization

L5 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Phase transfer catalytic synthesis of alkyl glycosides

L5 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Cationic surfactants prepared from alkyl and/or alkenyl oligoglucosides

L5 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Etherification of alkyl and/or alkenyl oligoglycosides with isethionate salt in presence of alkaline catalyst

L5 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Preparation of alkyl and/or alkenyl oligoglycoside sulfosuccinate surfactants

L5 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Cosmetic emulsions containing alkylglycoside concentrate

L5 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Ethers prepared from alkyl and/or alkenyl glycosides and glycerol or glycerol oligomers

L5 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Preparation of glycerol ethers of alkyl and/or alkenyl oligoglycosides

L5 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Synthesis of glycolipids as membrane-bound stabilizing carbohydrates

L5 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Process for producing polymer particles with irregular shape

L5 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Preparation of metal ion-blocking sugar compounds

L5 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Infrared spectroscopic studies of lyophilized liposomes for characterization of the interaction of free and membrane-bound sugars with phospholipids

L5 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Pesticide activity enhancers containing alkylglycoside surfactants.

L5 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Preparation of alkyl glycosides in one step.

L5 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Stannic chloride-catalyzed synthesis of alkyl and aryl alkyl D-glycopyranoside

L5 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI NMR and DSC study on the phase transition of cetyl glucoside-water system

L5 ANSWER 28 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Effects of hydration of sugar groups on the phase transition of the bilayer formed from alkyl glycoside

L5 ANSWER 29 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Neutral and ionic alkylglucopyranosides. Synthesis, characterization and properties

L5 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Applications of HPLC with evaporative light scattering detection in fat and carbohydrate chemistry

L5 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Use of nonionic surfactants as flotation agents for nonsulfide ores

L5 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Application of synthetic alkyl glycoside vesicles as drug carriers. I. Preparation and physical properties

L5 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Metabolism of orally administered alkyl .beta.-glycosides in the mouse

L5 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Synthesis of alkyl .beta.-glycosides

L5 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 TI Structure of the hydrophilic group of surface agents. Relation with the formation of surface and mesomorphic phases

=> d L5 3,4,5,6,9,11,17,24 ibib,abs

L5 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:364815 CAPLUS  
 DOCUMENT NUMBER: 136:21226  
 TITLE: Preparation and surface active properties of alkyl glucosides of fat Egyptian mangifera indica  
 AUTHOR(S): El-DougDoug, W. I. A.; Ahmed, N. M.  
 CORPORATE SOURCE: Che. Dep., Fac. of Sci., Zagazig Univ., Benha Branch, Benha, Egypt  
 SOURCE: Olaj, Szappan, Kozmetika (2001), 50(1), 25-29  
 CODEN: OSZKAT; ISSN: 0472-8602  
 PUBLISHER: METE  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

AB Hexadecenoic, octadecanoic, octadec-9-enoic, octadec-9,12-dienoic and mixed fatty acids obtained from mangifera oil were converted to their Me ester, reducing with LiAlH<sub>4</sub> to the corresponding fatty alcs. Alkyl glucosides from the mentioned fatty alcs. were produced in suitable yield.  
 The adding propylene oxide (PO) to the prepd. alkyl glucosides was completed in homogeneous alk. medium to give non-ionic oxypropylated alkyl glucosides, moreover, the oxypropylated alkyl glucoside was conducted to react with chlorosulfonic acid afforded oxypropylated alkyl glucosides sulfates as anionic surfactants having prior surface properties to alkyl glucosides and propenoxylated derivs. The structures of the prepd. compds. were confirmed by IR and 1H NMR spectra. The surface active properties of the prepd. surfactants were evaluated.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L5 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:58837 CAPLUS  
DOCUMENT NUMBER: 134:297505  
TITLE: Alkyl polyglycosides from different feedstocks  
AUTHOR(S): Dopico, M.; Sotomayor, M. E.; Bermello, A.  
CORPORATE SOURCE: Instituto Cubano de Investigaciones de los Derivados  
de la Casa de Az, ICIDCA, Ciudad Habana, Cuba  
SOURCE: Revista sobre los Derivados de la Cana de Azucar  
(2000), 34(1), 1-10  
CODEN: SDCAAR; ISSN: 1025-3076  
PUBLISHER: Instituto Cubano de Investigaciones de los Derivados  
de la Cana de Azucar  
DOCUMENT TYPE: Journal; (computer magnetic disk)  
LANGUAGE: Spanish

AB Alkyl polyglucoside nonionic surfactants were prepd. from fatty alcs.,  
sp.

palmitic alc. and n-octanol. Palmitic acid was first treated with  
H<sub>2</sub>SO<sub>4</sub>/MeOH to obtain the Me ester, which was then reduced to the fatty  
alc. The palmitic alc. was then mixed with glucose, p-toluenesulfonic  
acid was added as catalyst and the reaction was allowed to proceed for 3

h  
under N at 100-102.degree.. The reaction soln. was neutralized with NaOH  
soln. and the product, palmitic glucoside was sepd. by centrifugation,  
then distd. under vacuum. The n-octanol analog was prepd. in the same  
manner. The products obtained are of high purity, as verified by  
measurement of viscosity, refractive index, d., m.p., acidity index, and  
IR spectra. The polyglucoside surfactants are suitable for use in manuf.  
of detergents, cosmetics, gels, pharmaceutical products, have good skin  
compatibility, and are biodegradable and non-toxic.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR  
THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L5 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:790267 CAPLUS  
DOCUMENT NUMBER: 133:339984  
TITLE: Sprayable sunscreen compositions  
INVENTOR(S): Chaudhuri, Ratan K.; Majewski, George  
PATENT ASSIGNEE(S): Em Industries, Inc., USA  
SOURCE: PCT Int. Appl., 26 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000066076	A1	20001109	WO 2000-US10926	20000425
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6165450	A	20001226	US 1999-303625	19990503

EP 1094785 A1 20010502 EP 2000-923590 20000425  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: US 1999-303625 A1 19990503  
WO 2000-US10926 W 20000425

AB Stable, low viscosity, thixotropic, broad spectrum, sprayable sunscreen compns. suitable for topical application to human skin and hair are provided, along with a method for their prepn. The compns. comprise oil-in-water suspoemulsions contg. dispersing agents to disperse inorg. sunscreen. The compns. are easy to apply to the skin and are practically non-whitening when applied on skin. A compn. with an SPF of 16 was prepd.

contg. 8% Eusolex T-2000 (amphiphilic microfine TiO<sub>2</sub> surface treated with alumina and simethicone).

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L5 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:206645 CAPLUS

DOCUMENT NUMBER: 132:252817

TITLE: Surfactant mixtures, their preparation and use

INVENTOR(S): Rhode, Oliver

PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany

SOURCE: Ger. Offen., 10 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19844004	A1	20000330	DE 1998-19844004	19980925
WO 2000018779	A1	20000406	WO 1999-EP6864	19990916
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

PRIORITY APPLN. INFO.: DE 1998-19844004 19980925

OTHER SOURCE(S): MARPAT 132:252817

AB The mixts. result from ethoxylation of the reaction mixt. after acetalization of glycoses with excess fatty alcs., thus consisting of alkyl oligoglycosides and ethoxylated fatty alcs. (minimal ethoxylation of

the glycoside occurs), and are useful in the formulation of hand dishwashing detergents. Thus, heating 1 mol glucose, 4.5 mol lauryl alc.,

and 10 g p-MeC<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>H at 112.degree. with distn. of the H<sub>2</sub>O formed, followed by neutralization with an aq. soln. of a 1:1 mixt. of MgO and NaOH, gave a 1:3.8 mixt. (by wt.) of lauryl oligoglucoside (av. d.p.

1.45)

and unreacted lauryl alc. Treatment of 648 g of this product mixt. with 6.5 g hydrophobized hydrotalcite and then with 1209 g ethylene oxide at 150.degree./5 bars for 7 h gave the desired surfactant mixt., with av. d.p. of the ethoxylated lauryl alc. being 6 and the content of

ethoxylated

glucoside being <1%.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L5 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1998:811629 CAPLUS

DOCUMENT NUMBER: 130:71291

TITLE: Cosmetic and dermatological emulsions containing alkyl

INVENTOR(S): glucosides with increased electrolyte concentration  
Kroepke, Rainer; Bungard, Andrea; Luehrs, Anja;  
Gruening, Burghard; Mueller, Anja; Jenni, Klaus;  
Nielsen, Jens

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany; Goldschmidt, Th., A.-G.  
SOURCE: Ger. Offen., 16 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19723733	A1	19981210	DE 1997-19723733	19970606
EP 884048	A1	19981216	EP 1998-109291	19980522
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11012157	A2	19990119	JP 1998-167785	19980602
PRIORITY APPLN. INFO.:			DE 1997-19723733	19970606
OTHER SOURCE(S): MARPAT 130:71291				
AB Emulsions contg. .gtoreq.0.075M electrolytes are stabilized by addn. of C4-24-alkyl glucosides (d.p. .ltoreq.2). Such emulsions, applied to the skin, have improved moisturizing, smoothing, conditioning, and biocompatibility properties and are excellent carriers for cosmetic and pharmaceutical agents. Compns. contg. water-sol. UV filter agents such as 2-phenylbenzimidazole-5-sulfonic acid (Eusolex 232) and its salts are useful as sunscreens. Other suitable electrolytes useful in these emulsions are amino acids and their salts as moisturizers, .alpha.-hydroxy acids, and salicylic acid as a keratolytic agent. Thus, an oil-in-water lotion contained glyceryl stearate 3.50, Tego Care CG 90 (mixt. of stearyl and cetyl glucosides) 1.80, glycerin 3.00, cetearyl alc. 0.50, octyldodecanol 7.0, caprylyl ether 8.0, Eusolex 232 3.0, 45% NaOH 1.0, cetearyl isononanoate 6.0, Carbomer 0.20, preservative, perfume, and demineralized water to 100.0 wt.%.				

L5 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:433714 CAPLUS

DOCUMENT NUMBER: 127:55917

TITLE: Sugar derivatives as antimicrobial agents

INVENTOR(S): Schneider, Guenther; Schreiber, Joerg; Teichmann, Stefan; Buenger, Joachim; Wolf, Florian

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Ger. Offen., 16 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 19547160	A1	19970619	DE 1995-19547160	19951216
WO 9722346	A2	19970626	WO 1996-EP5400	19961204
WO 9722346	A3	19970828		

W: JP, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,

SE

EP 869797	A2	19981014	EP 1996-942332	19961204
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R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE

JP 2000506499	T2	20000530	JP 1997-522461	19961204
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PRIORITY APPLN. INFO.:

DE 1995-19547160	19951216
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WO 1996-EP5400	19961204
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OTHER SOURCE(S):

MARPAT 127:55917

AB Alkylated and/or acylated mono- and/or oligosaccharides are useful in cosmetic and dermatol. prepn. as antibacterial, antimycotic, and antiviral agents, esp. in deodorant prepn. and for treatment of dermatomycoses, dandruff, and dermal superinfections with microbial pathogens. Thus, a facial mask contained PEG-50 lanolin 0.50, glyceryl stearate 2.00, sunflower seed oil 3.00, bentonite 8.00, kaolin 35.00, ZnO 5.00, glucose caprylate 2.00, perfume, preservative, and water to 100.0 wt.%.  
wt.%.

L5 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:842549 CAPLUS

DOCUMENT NUMBER: 123:237522

TITLE: Cosmetic emulsions containing alkylglycoside concentrate

INVENTOR(S): Amalric, Chantal; Lecocu-Michel, Nelly

PATENT ASSIGNEE(S): Societe d'Exploitation de Produits pour les Industries Chimiques, Fr.

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9513863	A1	19950526	WO 1994-FR1336	19941116
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2712595	A1	19950524	FR 1993-13895	19931119
FR 2712595	B1	19951222		
EP 729382	A1	19960904	EP 1995-901495	19941116
EP 729382	B1	19990512		
R: DE, ES, FR, GB				
JP 09505843	T2	19970610	JP 1994-514261	19941116
ES 2132596	T3	19990816	ES 1995-901495	19941116
US 5670471	A	19970923	US 1995-549675	19951108

PRIORITY APPLN. INFO.:

FR 1993-13895	19931119
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WO 1994-FR1336	19941116
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AB Cosmetic emulsions contain a conc. comprising 60-90 wt.% of a mixt. of at least one alkylglycoside (Markush structure given) which is useful as a pearlizing agent. An alkylglycoside conc. contained dodecanol 0.3, tetradecanol 1.4, hexadecanol 13.9, octadecanol 20.2, dodecylpolyglycoside 11.9, tetradecylpolyglycoside 14.5, hexadecylpolyglycoside 24.3, octadecylglycoside 13.1% (prepn. given). A bath gel contained above conc.

5, Na lauryl ether sulfate 1-5, Acrysol-22 3, NaOH q.s. pH = 7.2, and water q.s. 100%.

L5 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1993:488939 CAPLUS  
DOCUMENT NUMBER: 119:88939  
TITLE: Pesticide activity enhancers containing  
alkylglycoside  
surfactants.  
INVENTOR(S): Azuma, Riichi; Hioki, Juichi; Iwasaki, Tetsuharu  
PATENT ASSIGNEE(S): Kao Corp, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05043403	A2	19930223	JP 1991-199019	19910808

AB Pesticide activity enhancers contain A(Gm)[(BO)aX]b [Gm = sugar residue from removal of all H of nonglycosidic OH and glycosidic OH of C5-6 reducing sugar or its condensate; m (degree of condensation) = 1-10 (av.);  
A = R1(OR2)n bound to Gm by O-glycoside linkage; R1 = straight-chain or branched C1-18 alkyl, alkenyl, hydroxyalkyl; R2 = C2-4 alkylene; n = 0-100  
(av.); B = C2-4 alkylene bound to O of nonglycosidic OH of Gm by ether linkage and bound to X at the other end; a [(mol. of alkylene oxide added to nonglycosidic OH of the C5-6 reducing sugar or its condensate)/b] = 0-10; b = no. of nonglycosidic OH of the C5-6 reducing sugar or its condensate; X = H, nonionic, anionic, or cationic group] as the essential ingredients. Com. Herbi-Ace (water-sol. herbicide powder) was dild. 300 times, mixed with 0.2% C12-14 alkylglucoside, and applied to Digitaria ciliaris to show 100.0% herbicidal effect, vs. 67.5%, for Herbi-Ace itself.

=> file stng

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
33.38	77.63

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-4.96	-4.96

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FILE 'REGISTRY' ENTERED AT 14:49:42 ON 17 MAY 2002

L1 0 S XYLIANCE  
L2 0 S CETEARYL WHEAT STRAW GLYCOSIDE  
L3 0 S HEXADECYL GLYCOSIDE  
L4 1 S HEXADECYL GLUCOSIDE

FILE 'CAPLUS' ENTERED AT 14:59:42 ON 17 MAY 2002

L5 35 S L4

FILE 'STNGUIDE' ENTERED AT 15:07:43 ON 17 MAY 2002

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LOGOFF? (Y)/N/HOLD:hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.06

77.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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0.00

-4.96

SESSION WILL BE HELD FOR 60 MINUTES

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Creation date: 11-18-2003  
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Legal Date: 10-23-2002

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1	CTFR	7

Total number of pages: 7

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